

## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS

1. (Currently Amended) A method of authoring and executing an individualized language business rule, the method comprising:

creating a plurality of individualized vocabularies, each of the plurality of individualized vocabularies comprising at least one individualized language resource vocabulary term that is a noun, a verb, or a sentence fragment, said at least one individualized language resource vocabulary term being mapped onto at least one executable object;

creating at least one the individualized language business rule, where the individualized language business rule references referencing at least one of said individualized language resource vocabulary term from one of said plurality of individualized vocabularies, where said creating comprises:

receiving a selection from an end-user of said one of the plurality of individualized vocabularies;

creating a rule set input group and a rule set output group, each of the rule set input group and the rule set output group comprising individualized vocabulary terms that are available to the end-user for building the individualized language business rule, where the individualized vocabulary terms are limited to individualized vocabulary terms contained in the one of said plurality of individualized vocabularies that was selected by the end-user such that at least one of the rule set input group and the rule set output group includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies;

creating at least one individualized rule template; and creating at least one individualized rule from said at least one

individualized rule template, based on end-user-selected inputs and outputs to the individualized rule template, the end-user-selected inputs and outputs being selected by the end-user from the rule set input group and the rule set output groups group, respectively, where at least one of the end-user-selected inputs and the end-user-selected outputs includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies; and

scoping a vocabulary of the rule set input and output groups, which form groups of choices available to the user for building the individualized rule, in accordance with one or more choices made by the user;

organizing said at least one individualized language resource vocabulary term from said one of said plurality of vocabularies and said at least one individualized language <u>business</u> rule into at least one individualized language rule set; and

transforming said at least one individualized language business rule into computer executable format.

- 2. (Currently Amended) The method of claim 1, wherein creating at least one individualized language business rule referencing at least one of said individualized language resource vocabulary term from one of said plurality of individualized vocabularies further comprises preventing a syntactically incorrect individualized language statement from being authored.
- 3. (Currently Amended) The method of claim 1, further comprising deploying said at least one transformed executable to a runtime environment and executing said at least one transformed individualized language <u>business</u> rule.
- 4. (Currently Amended) The method of claim 3, further comprising executing at least one non-individualized language <u>business</u> rule.
- 5. The method of claim 3, further comprising coordinating and (Original) cooperating by a runtime engine with other rules engines in a runtime environment.

## 6. - 8. (Cancelled)

9. (Currently Amended) The method of claim 1, further comprising transforming said at least one of an individualized language resource vocabulary term, an individualized language business rule, an individualized rule template, and individualized language rule set into a standardized format.

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- 10. (Original) The method of claim 9, wherein the at least one individualized language rule set influences at least one of application behavior and application state.
- 11. (Original) The method of claim 10, further comprising directly or indirectly linking an application to an execution of at least one individualized language rule set.
- 12. (Original) The method of claim 11, further comprising creating a type-safe linkage between an application and said at least one individualized language rule set.
- 13. (Original) The method of claim 12, further comprising deploying said type-safe linkage in a runtime environment.
- 14. (Original) The method of claim 13, further comprising finding, updating and deleting an item contained within said standardized format.
- **15**. (Original) The method of claim 12, further comprising employing said type-safe linkage to select said at least one individualized rule set based on externalized criteria.
- 16. (Original) The method of claim 12, further comprising transforming said typesafe linkage into a standardized format.
- 17. (Currently Amended) A system for authoring and executing an individualized

language business rule, the system comprising:

means for creating a plurality of individualized vocabularies, each of the plurality of individualized vocabularies comprising at least one individualized language resource vocabulary term that is a noun, a verb, or a sentence fragment, said at least one individualized language resource vocabulary term being mapped onto at least one executable object;

means for creating at least one the individualized language business rule, where the individualized language business rule references referencing at least one of said individualized language resource vocabulary term from one of said plurality of individualized vocabularies, where said creating comprises:

means for receiving a selection from an end-user of said one of the plurality of individualized vocabularies;

means for creating a rule set input group and a rule set output group, each of the rule set input group and the rule set output group comprising individualized vocabulary terms that are available to the end-user for building the individualized language business rule, where the individualized vocabulary terms are limited to individualized vocabulary terms contained in the one of said plurality of individualized vocabularies that was selected by the end-user such that at least one of the rule set input group and the rule set output group includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies;

means for creating at least one individualized rule template; and

means for creating at least one individualized rule from said at least one individualized rule template, based on <a href="end-user-selected">end-user-selected</a> inputs and outputs to the individualized rule template, the <a href="end-user-selected">end-user-selected</a> inputs and outputs being selected by the <a href="end-user from the">end-user from the</a> rule set input <a href="end-user-selected">group</a> and <a href="the end-user-selected inputs">the rule set input</a> and the <a href="end-user-selected inputs">end-user-selected inputs</a> and the <a href="end-user-selected outputs includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies;">end</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected inputs</a> and <a href="means-for-scoping a vocabulary of the rule set input and output groups,">end-user-selected input and output groups</a>.

which form groups of choices available to the user for building the individualized rule, in accordance with one or more choices made by the user;

means for organizing said at least one individualized language resource vocabulary term from said one of said plurality of vocabularies and said at least one individualized language <u>business</u> rule into at least one individualized language rule set; and

means for transforming said at least one individualized language business rule into computer executable format.

- 18. (Currently Amended) The system of claim 17, wherein the means for creating at least one individualized language business rule referencing at least one of said individualized language resource vocabulary term from one of said plurality of individualized vocabularies further comprises means for preventing a syntactically incorrect individualized language statement from being authored.
- 19. (Currently Amended) The system of claim 17, further comprising means for deploying said at least one transformed executable to a runtime environment and executing said at least one transformed individualized language business rule.
- 20. (Currently Amended) The system of claim 19, further comprising means for executing at least one non-individualized language business rule.
- 21. (Original) The system of claim 19, further comprising means for coordinating and cooperating by a runtime engine with other rules engines in a runtime environment.
- 22. 23.(Cancelled)
- (Currently Amended) A computer-readable media for authoring and executing an individualized language business rule, which when executed by a processor performs the steps of:

creating a plurality of individualized vocabularies, each of the plurality of individualized vocabularies comprising at least one individualized language resource vocabulary term that is a noun, a verb, or a sentence fragment, said at least one individualized language resource vocabulary term being mapped onto at least one executable object;

creating at least one the individualized language business rule, where the individualized language business rule references referencing at least one of said individualized language resource vocabulary term from one of said plurality of individualized vocabularies, where said creating comprises:

receiving a selection from an end-user of said one of the plurality of individualized vocabularies;

creating a rule set input group and a rule set output group, each of the rule set input group and the rule set output group comprising individualized vocabulary terms that are available to the end-user for building the individualized language business rule, where the individualized vocabulary terms are limited to individualized vocabulary terms contained in the one of said plurality of individualized vocabularies that was selected by the end-user such that at least one of the rule set input group and the rule set output group includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies:

creating at least one individualized rule template; and

creating at least one individualized rule from said at least one individualized rule template, based on end-user-selected inputs and outputs to the individualized rule template, the end-user-selected inputs and outputs being selected by the end-user from the rule set input group and the rule set output groups group, respectively, where at least one of the end-user-selected inputs and the end-user-selected outputs includes the at least one individualized vocabulary term from the one of said plurality of individualized vocabularies; and

scoping a vocabulary of the rule set input and output groups, which form groups of choices available to the user for building the individualized rule, in

## accordance with one or more choices made by the user;

organizing said at least one individualized language resource vocabulary term from said one of said plurality of vocabularies and said at least one individualized language business rule into at least one individualized language rule set; and

transforming said at least one individualized language <u>business</u> rule into computer executable format.

- 25. (Currently Amended) The computer-readable media of claim 24, wherein creating at least one individualized language <u>business</u> rule referencing at least one of said individualized language resource <u>vocabulary term</u> further comprises preventing a syntactically incorrect individualized language statement from being authored.
- 26. (Currently Amended) The computer-readable media of claim 24, further comprising deploying said at least one transformed executable to a runtime environment and executing said at least one transformed individualized language business rule.
- 27. (Currently Amended) The computer-readable media of claim 26, further comprising executing at least one non-individualized language <u>business</u> rule.
- 28. (Original) The computer-readable media of claim 26, further comprising coordinating and cooperating by a runtime engine with other rules engines in a runtime environment.
- 29. 30. (Cancelled)